

Roll No.

21257

**B. Sc. (Hons.) Mathematics 2nd
Semester Examination – May, 2019**

PROGRAMMING IN VISUAL BASIC

Paper : BHM- 126 Opt. - ii

Time : Three hours] [Maximum Marks : 60

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Section. Section - **V** is *compulsory*. All questions carry equal marks.

SECTION – I

1. Explain the following statement alongwith syntax and example : 4 × 3 = 12
- (i) Select case
 - (ii) If- then- else
 - (iii) Do - Loop while
 - (iv) For - next.

P. T. O.

21257

2. (a) Explain control array. 6
- (b) Write a program to convert decimal number to its equivalent binary number. 6

SECTION – II

3. Explain the following : 6 × 2 = 12
- (i) Text Box
 - (ii) Option Button
 - (iii) Frame
 - (iv) Timer control
 - (v) Check box
 - (vi) Command Button
4. (a) Explain various controls and function which can be used for input in VB. 6
- (b) What is the purpose of scroll bar control ? Explain its various type. Explain its important properties alongwith suitable example. 6

(2)

SECTION - III

5. (a) Write a program to find value

$${}^n C_r = \frac{n!}{r!(n-r)!}$$

(b) Define procedure . Explain its various types. Also explain various advantages of procedure.

6. (a) Explain various menu control properties.

(b) Explain color dialog box by taking suitable example.

SECTION - IV

7. Explain crystal report alongwith steps to create crystal report.

8. What do you mean by library functions ? Explain various library functions available in VB alongwith example.

SECTION - V

9. (a) Differentiate between visual Basic programming and Non- Visual Basic programming.

(b) What do you mean by objects in Visual Basic.

(c) Differentiate between option Button and Check box.

(d) What is purpose of menu editor ? Write various methods to open the menu editor.

(e) Define database.

(f) What do you mean by active x control ?

https://www.haryanapapers.com

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से